

Title (en)  
Tilting and folding device for a treadmill

Title (de)  
Kipp- und Faltvorrichtung für ein Laufband

Title (fr)  
Dispositif de pliage et d'inclinaison pour tapis roulant

Publication  
**EP 2762204 A1 20140806 (EN)**

Application  
**EP 13153965 A 20130205**

Priority  
EP 13153965 A 20130205

Abstract (en)  
A tilting and folding device of a treadmill includes a base 1 and a track bed 2 is pivotably connected to the base] by an arm 3, a support device 4 and an actuator 6. The arm 3 is pivotably connected between the base 1 and the track bed 2. The actuator 6 is pivotably connected between the base 1 and a pivotal portion 33 located between the first and second pivotal ends 31, 32. The support device 4 is pivotably connected to the base 1 and the track bed 2. When the arm 3 is pivoted about the second pivotal end 32 and driven by the actuator 6, the front end of the track bed 2 is lifted and stopped after being traveled to a pre-set stroke. When the actuator 6 continuously drives the arm 3, the rear end of the track bed 2 is supported by the support device 4 and pivoted until the track bed 2 is located upright.

IPC 8 full level  
**A63B 22/02** (2006.01); **A63B 22/00** (2006.01)

CPC (source: EP)  
**A63B 22/02** (2013.01); **A63B 22/0023** (2013.01); **A63B 2210/56** (2013.01)

Citation (applicant)  
US 5855537 A 19990105 - COODY BRUCE F [US], et al

Citation (search report)  
• [X1] DE 20312858 U1 20031030 - EZFIT TECHNOLOGY INC [TW]  
• [X1] US 2008004162 A1 20080103 - CHEN JAMES [TW]  
• [I] US 2003224908 A1 20031204 - LIN MICHAEL [TW]  
• [A] US 2003100409 A1 20030529 - HUANG TUNG CHANG [TW]

Cited by  
US10857421B2; WO2018222855A1; US10918904B2; US11491365B2; US11666799B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2762204 A1 20140806; EP 2762204 B1 20160203**; DK 2762204 T3 20160314; ES 2564139 T3 20160318

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